

SOIL CLASS: 510 HOOSIC  
(SOURCE: USDA-SCS SOIL SURVEY)

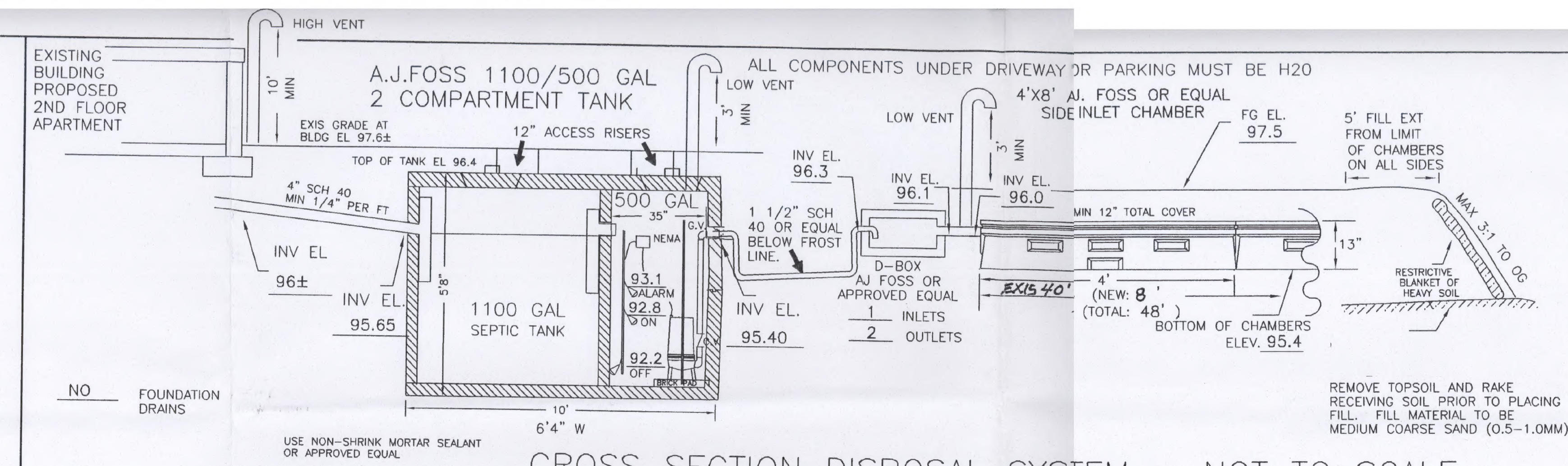
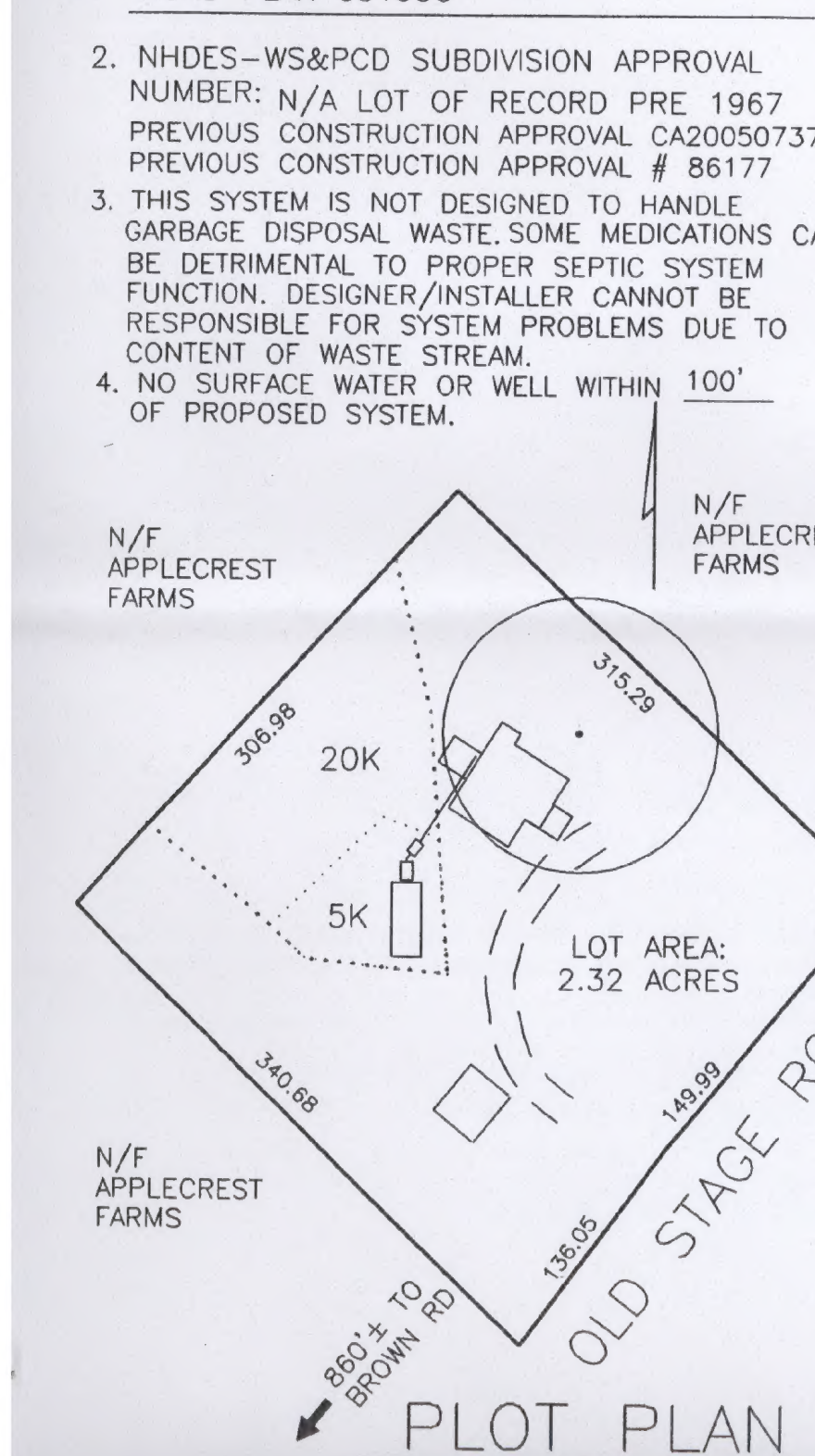
BENCH MARKS: DATUM = ASSUMED  
#1 SET NAIL ROOT 20" ASH ELEV 97.31  
#2 SET NAIL 14" OAK ELEV 99.46  
#3 SET HUB ELEV 98.34

DESIGN INTENT:  
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 95.4  
2. THERE IS/ARE APPROX 24" FT BELOW ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. GRADING ON THE HIGH CONTOUR THE DESIGNED EDS. MATCH ELEVATION OF EXIS CHAMBERS. (EL 97.4)

SUITABLE REPLACEMENT AREA:  
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.  
LEGEND:

EXISTING CONTOUR  
PROPOSED CONTOUR  
EXISTING SPOT ELEVATION  
PROPOSED SPOT ELEVATION

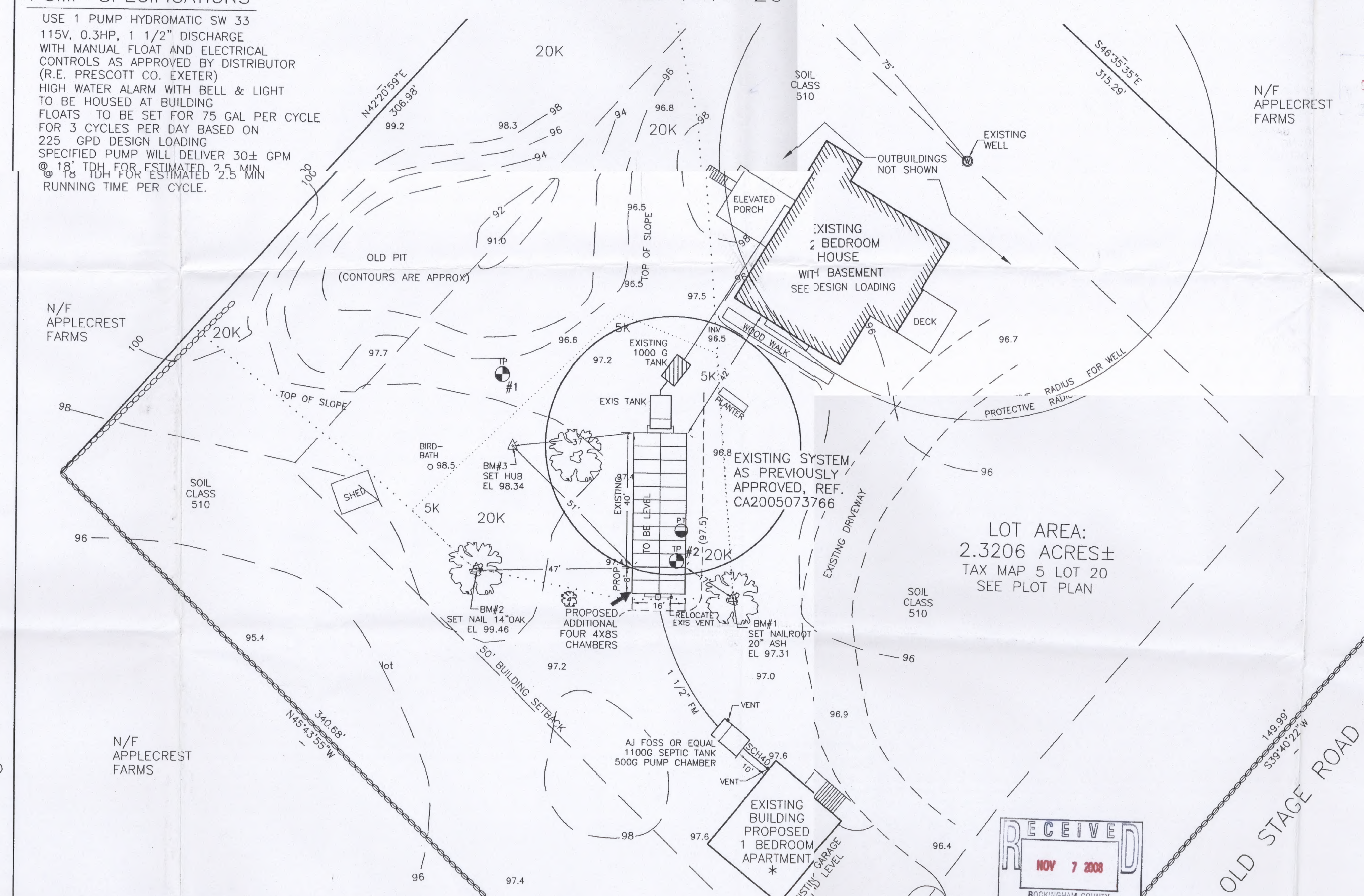
NOTES:  
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:  
RCRD PLAN C31990  
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: N/A LOT OF RECORD PRE 1967 PREVIOUS CONSTRUCTION APPROVAL CA2005073766 PREVIOUS CONSTRUCTION APPROVAL # 86177  
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE. SOME MEDICATIONS CAN BE DETRIMENTAL TO PROPER SEPTIC SYSTEM FUNCTION. DESIGNER/INSTALLER CANNOT BE RESPONSIBLE FOR SYSTEM PROBLEMS DUE TO CONTENT OF WASTE STREAM.  
4. NO SURFACE WATER OR WELL WITHIN 100' OF PROPOSED SYSTEM.



### PUMP SPECIFICATIONS

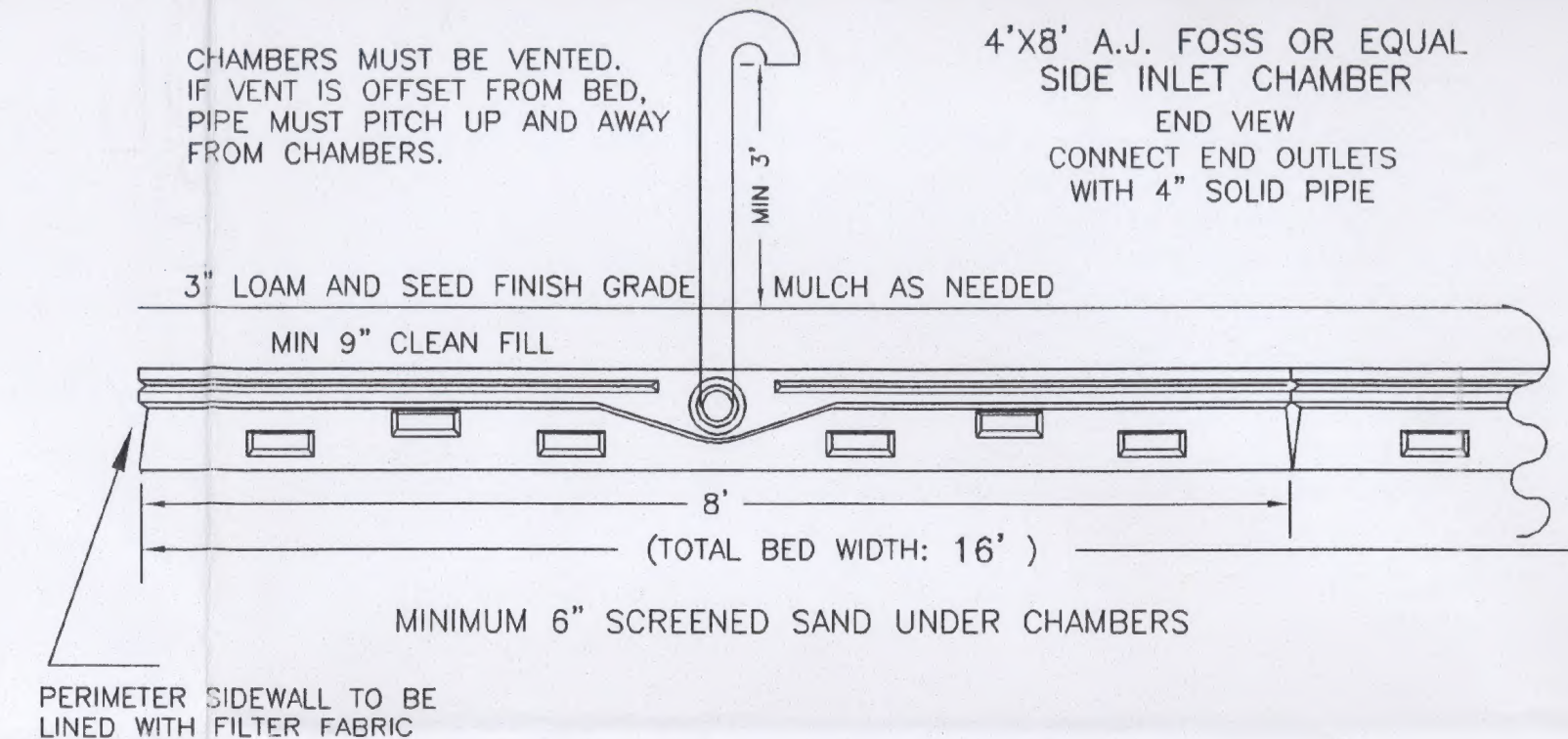
USE 1 PUMP HYDROMATIC SW 33  
115V, 0.3HP, 1 1/2" DISCHARGE  
WITH MANUAL FLOAT AND ELECTRICAL CONTROLS AS APPROVED BY DISTRIBUTOR (R.E. PRESCOTT CO. EXETER)  
HIGH WATER ALARM WITH BELL & LIGHT TO BE HOUSED AT BUILDING  
FLOATS TO BE SET FOR 75 GAL PER CYCLE FOR 3 CYCLES PER DAY BASED ON 225 GPD DESIGN LOADING  
SPECIFIED PUMP WILL DELIVER 30± GPM @ 18' TDH FOR ESTIMATED 2.5 MIN. @ 18' TDH FOR ESTIMATED 2.5 MIN. RUNNING TIME PER CYCLE.

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS  
ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.  
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.

ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.  
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.  
3.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



### TEST PIT DATA

DATE: JUNE 8, 2005  
TOWN INSPECTOR: RICHARD BOND  
TEST PIT #1 ELEV 96.5  
0 - 4" 10YR3/4 LOAM AND ROOT MAT  
4 - 36" 10YR4/4 FINE SANDY LOAM, GRANULAR FRIABLE  
36 - 38" ORIGINAL TOPSOIL  
38 - 84" 2.5Y4/4 GRAVELLY FINE SANDY LOAM, SOME SILT  
GRANULAR FRIABLE TO 5', FIRMER BELOW  
ESHW @ 60"±, NO OBSERVED WATER, NO REFUSAL  
ROOTS TO 5'+  
TEST PIT #2 ELEV 97.2  
0 - 8" 10YR3/4 LOAM AND ROOT MAT  
8 - 26" 10YR4/4 GRAVELLY COARSE SAND  
LOOSE, SINGLE GRAIN  
26 - 84" 2.5Y4/4 GRAVELLY FINE SANDY LOAM  
FIRM IN PLACE, FRIABLE REMOVED  
ESHW @ 72"± (NO EVIDENCE), NO OBSERVED WATER, NO REFUSAL  
ROOTS TO 28'+

### PERC TEST DATA

DATE: 6/27/05  
PERC RATE: 10 MIN/IN DEPTH: 22"  
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PREVIOUSLY APPROVED 3 BEDROOM DESIGN LOADING TO BE REPLACED AS FOLLOWS: EXISTING 2 BEDROOM HOUSE PLUS 1 BEDROOM APARTMENT (225 GPD) = 300+225 = 525 GPD REVISED DESIGN LOADING

185 X 525/100 = 971 X 1.25 (TOWN)=1214 SF  
AREA REQUIRED: 1214 SF X 0.6 CHAMBERS = 728 SF REQUIRED  
4X8 CHAMBERS, 20 EXISTING + 4 PROPOSED = 16' X 48' = 768 SF CHAMBER AREA PROVIDED  
AREA PROPOSED:

### PROPOSED REVISED SEPTIC SYSTEM PLAN

PREVIOUS APPROVAL # CA2005073766

LOCUS: 12 OLD STAGE ROAD  
HAMPTON FALLS, NH

OWNER: PHILIP TOWLE  
12 OLD STAGE ROAD  
HAMPTON FALLS, NH 03844

APPLICANT:  
STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03843-1306  
603 929-7404  
DATE: NOVEMBER 3, 2008  
APPROVAL:

CA 2008 09 5525

REVIEWED AND APPROVED  
IN ACCORDANCE WITH THE  
REQUIREMENTS OF THE  
NH DEPT OF ENVIRONMENTAL SERVICES  
WATER DIVISION

11/17/08

SORRY, HAD TO SCAN AND STITCH REVISION IS LOADING ONLY